



1999 Toxics Release Inventory

VIRGIN ISLANDS

Reported Releases and Waste Management Activities (in pounds)

	Original Industries	New Industries	Total
On-site Releases	698,320	68,485	766,805
Air Emissions	650,682	68,475	719,157
Surface Water Discharges	45,847	10	45,857
Underground Injection Class I Wells	0	0	0
Underground Injection Class II-V Wells	0	0	0
On-site Land Releases to RCRA Subtitle C Landfills	0	0	0
Other On-site Land Releases	1,791	0	1,791
Off-site Releases (Transfers Off-site to Disposal)*	1,098	1,010	2,108
Total On- and Off-site Releases	699,418	69,495	768,913
Recycled On-site	864,705	0	864,705
Recycled Off-site	159,347	0	159,347
Energy Recovery On-site	0	0	0
Energy Recovery Off-site	4,184	0	4,184
Treated On-site	13,041,037	27,590	13,068,627
Treated Off-site**	18,692	0	18,692
Quantity Released On- and Off-site***	699,019	68,275	767,294
Total Production-related Waste Managed	14,786,984	95,865	14,882,849
Total Non-production-related Waste Managed	480	0	480

Transfers Off-site for Further Waste Management/Disposal

Recycling	159,347	0	159,347
Energy Recovery	4,184	0	4,184
Treatment	18,692	0	18,692
Publicly Owned Treatment Works (POTWs)	0	0	0
Metals and Metal Compounds*	0	0	0
Non-metal TRI Chemicals**	0	0	0
Other Off-site Transfers****	0	0	0
Off-site Transfers to Disposal (not including metals to POTWs)	1,179	1,010	2,189
Total Transfers Off-site for Further Waste Management/Disposal	183,402	1,010	184,412

* Transfers to POTWs of metals and metal compounds are included in off-site releases. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.

** Transfers to POTWs of non-metals are included in treated off-site waste management activity.

*** Excludes non-production-related releases; e.g. releases due to catastrophic events or remedial actions.

**** Transfers reported without a valid waste management code.

For More Information . . .

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Original industry New industry

The largest marker in the state map represents the largest facility for on-site releases in the Virgin Islands. All markers are proportionally-sized to represent the on-site releases at each facility within this territory.

State/TRI Data

Population	119,615
Square Miles	134
Total Facilities	5
Total Forms	50
Form As	3

	Original Industries	New Industries	Total
National Rank for Total On- and Off-site Releases*			
Rank	50	53	51
Pounds	699,418	69,495	768,913
National Rank for Total On-site Releases**			
Rank	50	53	51
Pounds	698,320	68,485	766,805
National Rank for Total Releases within State***			
Rank	50	53	51
Pounds	698,320	68,485	766,805
National Rank for Production-related Waste Managed			
Rank	47	52	50
Pounds	14,786,984	95,865	14,882,849

* Includes transfers out-of-state for disposal. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.

** Includes amounts released at the facility. Excludes amounts transferred to other sites.

*** Excludes transfers for disposal sent out-of-state or sent to other TRI facilities within the state reporting that amount released on-site.



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On-site and Off-site Releases for Top Ten Chemicals Ranked on Total Releases in the State (Original Industries)

CAS Number	Chemical	On-site Releases				Off-site Releases	Total Releases in the State**	Off-site Transfers to Disposal		
		Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection Pounds	On-site Releases to Land Pounds	Transfers Off-site to Disposal* Pounds		Transferred Into State Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
7664-41-7	Ammonia	78,989	43,205	0	0	0	122,194	0	0	0
1330-20-7	Xylene (mixed isomers)	120,708	1	0	0	5	120,714	0	0	5
115-07-1	Propylene	110,434	0	0	0	0	110,434	0	0	0
108-95-2	Phenol	66,803	1,160	0	0	0	67,963	0	0	0
108-88-3	Toluene	49,167	5	0	0	13	49,185	0	0	13
1634-04-4	Methyl tert-butyl ether	44,613	0	0	0	0	44,613	0	0	0
110-54-3	n-Hexane	32,393	0	0	0	0	32,393	0	0	0
74-85-1	Ethylene	31,741	0	0	0	0	31,741	0	0	0
71-43-2	Benzene	27,275	6	0	0	26	27,307	0	0	26
100-41-4	Ethylbenzene	22,827	0	0	0	1	22,828	0	0	1

* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site.

** The chemical ranking is based on the amounts in this column.

On-site and Off-site Releases for Top Ten Chemicals Ranked on Total Releases in the State (Seven New Industries)

CAS Number	Chemical	On-site Releases				Off-site Releases	Total Releases in the State**	Off-site Transfers to Disposal		
		Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection Pounds	On-site Releases to Land Pounds	Transfers Off-site to Disposal* Pounds		Transferred Into State Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
7664-93-9	Sulfuric acid	36,711	0	0	0	0	36,711	0	0	0
7647-01-0	Hydrochloric acid	27,709	0	0	0	0	27,709	0	0	0
1634-04-4	Methyl tert-butyl ether	2,088	0	0	0	250	2,338	0	0	250
108-88-3	Toluene	755	0	0	0	250	1,005	0	0	250
1330-20-7	Xylene (mixed isomers)	560	0	0	0	250	810	0	0	250
110-54-3	n-Hexane	382	0	0	0	250	632	0	0	250
71-43-2	Benzene	139	0	0	0	5	144	0	0	5
100-41-4	Ethylbenzene	72	0	0	0	5	77	0	0	5
95-63-6	1,2,4-Trimethylbenzene	56	0	0	0	0	56	0	0	0
7782-50-5	Chlorine	0	10	0	0	0	10	0	0	0

* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site.

** The chemical ranking is based on the amounts in this column.



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On- and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (Original Industries)

Facility, City, County	On-site Releases						Total On-site Releases* Pounds	Off-site Releases (Transfers Off-site to Disposal)	
	<u>Underground Injection</u>				<u>On-site Releases to Land</u>			Transferred Within State Pounds	Transferred Out of State Pounds
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds			
Hovensa L.L.C., Christiansted, St Croix	650,682	45,847	0	0	0	1,791	698,320	0	1,179

*The facility ranking is based on the amounts in this column; these quantities exclude transfers out of state.

On- and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (Seven New Industries)

Facility, City, County	On-site Releases						Total On-site Releases* Pounds	Off-site Releases (Transfers Off-site to Disposal)	
	Underground Injection				On-site Releases to Land			Transferred Within State Pounds	Transferred Out of State Pounds
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds			
Virgin Islands Water & Power Authority, Saint Thomas, St Thomas	64,462	5	0	0	0	0	64,467	0	0
Esso St. Thomas Bulk Terminal, Saint Thomas, St Thomas	3,440	0	0	0	0	0	3,440	0	1,010
Texaco Caribbean Inc. - St. Thomas Bulk Terminal, Charlotte Amalie, St Thomas	520	0	0	0	0	0	520	0	0
Virgin Islands Water & Power Authority, Saint Croix, St Croix	53	5	0	0	0	0	58	0	0

*The facility ranking is based on the amounts in this column; these quantities exclude transfers out of state.



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Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (Original Industries)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site*	Total Production- related Waste Managed Pounds	Total Non- Production- related Waste Managed Pounds
Hovensa L.L.C., Christiansted, St Croix	864,705	159,347	0	4,184	13,041,037	18,692	699,019	14,786,984	480

*The facility ranking is based on the amounts in this column; these quantities exclude non-production-related releases.

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (Seven New Industries)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site*	Total Production- related Waste Managed Pounds	Total Non- Production- related Waste Managed Pounds
Virgin Islands Water & Power Authority, Saint Thomas, St Thomas	0	0	0	0	17,750	0	64,467	82,217	0
Esso St. Thomas Bulk Terminal, Saint Thomas, St Thomas	0	0	0	0	0	0	3,621	3,621	0
Texaco Caribbean Inc. - St. Thomas Bulk Terminal, Charlotte Amalie, St Thomas	0	0	0	0	0	0	129	129	0
Virgin Islands Water & Power Authority, Saint Croix, St Croix	0	0	0	0	9,840	0	58	9,898	0

*The facility ranking is based on the amounts in this column; these quantities exclude non-production-related releases.